

GP-303042

## ACCELERATION BASED CRUISE CONTROL SYSTEM

### ABSTRACT OF THE DISCLOSURE

A cruise control system for a vehicle includes a throttle and a controller. The controller determines an open-loop speed compensation factor and calculates a closed-loop speed compensation factor. The controller determines a throttle area based on the open-loop speed compensation factor and the closed-loop speed compensation factor and operates the throttle based on the throttle area.

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